Maryland Coastal Nonpoint Source Program
Special Award Condition for Demonstration Projects
Project Summaries

Achieving Measurable Nonpoint Source Pollutant Reductions in the Chesapeake Bay Through Restoration and Greening of an Ultra-Urban Watershed in Baltimore City ($70,000). The Baltimore City Department of Public Works proposes to restore and "green" small city-owned vacant lots throughout the inner-harbor watershed to help reduce nonpoint source pollution. The City will engage community groups and citizens to ensure neighborhoods are ready and willing to accept and assist restoration efforts in order to improve the likelihood of success and long-term viability. The goal of this restoration strategy is to reduce nonpoint source pollution and improve quality of life for Baltimore City residents.

Ocean City Stormwater Retrofit ($15,000). The Town of Ocean City proposes a pilot project to retrofit a stormwater outfall at the end of 63rd Street (bayside). This retrofit will incorporate habitat enhancement and removal of trash and hydrocarbon, and will improve the overall water quality conditions within the Isle of Wight Bay watershed. There are no less than 23 similar outfalls in Ocean City, which could be patterned after this project to further reduce nonpoint source pollution into the Isle of Wight Bay.

Havre de Grace Hall, Rainwater Catchment System and Rain Gardens ($32,000). Harford Community College is renovating Havre de Grace Hall using green building techniques that will improve stormwater management and reduce environmental impacts. As a demonstration project, the college will install a rainwater catchment system and a rain garden to illustrate the efficient and effective use of stormwater and habitat improvement. Gray water from the catchment system will be used to flush toilets and irrigate landscape plantings.

Eastport-Annapolis Neck (Hillsmere) Library Bioretention Project ($18,300). Anne Anne Arundel County proposes to design and construct a bioretention facility that will treat parking lot runoff from a public library. The project area drains to Harness Creek in the South River Watershed. Signage would serve to educate residents about the importance of bioretention techniques and systems in filtering stormwater and encourage residents to implement similar smaller scale "rain gardens" on their own properties.

Leonardtown Municipal Parking Lot Demonstration Project ($60,000). The Commissioners of Leonardtown propose to rehabilitate an existing municipal parking lot through the design, engineering, and construction of environmental design techniques to minimize stormwater runoff, integrate an adjacent overflow parking lot, and rehabilitate the stormwater management system. Techniques that may be used include, but are not limited to, pervious paving surfaces, bioretention cells, and landscape infiltration gardens.

Boat Ramp Stormwater Improvement Project ($25,000). Worcester County proposes to reduce impervious surface, provide bioretention treatment, and construct a wetland at

boat launch facilities in the Maryland Coastal Bays and the Lower Pocomoke River Basin. Currently runoff flows directly into waterways. Funding will provide for two boat ramp facilities to be treated with Environmental Design techniques.

Joppa Hall, Vegetative Roof Cover ($55,000). Harford Community College proposes to renovate a building built in 1965 with the goal of improving stormwater management, energy efficiency, and indoor air quality. Impervious surface will be reduced by installation of three separate vegetative roof coverings (combined total of 8,000 GSF). The goal is to demonstrate the functionality and long-term benefits of vegetative roof coverings in mitigating stormwater run-off rate, volume and pollution to local streams and aquifers.

Inglewood Center 3 LID and Green Building Urban Retrofit ($40,000). Prince George's County proposes to develop a holistic design incorporating low impact development, green building, and pollution prevention techniques throughout their Peppercorn Place facility. The goal is to design, engineer, and construct a living laboratory that will demonstrate the efficacy of implementing environmental design building and site approaches.

Chesapeake Bay Middle School Stormwater Management Mitigation through Wetlands Mitigation ($35,000). Partnering with Arlington Echo and the County School System, Anne Arundel County proposes to achieve runoff mitigation through the construction of a wetland on a public school site. The goal is to replicate similar techniques at other schools and provide an environmental education experience for students. The applicant expects that this project will result in changes in maintenance practices in the County's School System.